

Converting Colors

CIELCh(96, 13.855, 0.982)

Have a look what the booklet for
CIELCh(96, 13.855, 0.982) contains.

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Color

CIELCh(95, 8.811, 348.366)

Conversions

Conversions Part 1

Format	Color
Hex	FFEBF4
RGB	255, 235, 244
RGB Percent	100%, 92%, 96%
CMY	0.0000, 0.0774, 0.0421
CMYK	0.00, 0.08, 0.04, 0.00
HSL	333°, 100%, 96%
HSV	333°, 8%, 100%
XYZ	87.8668, 87.6183, 98.0834
YIQ	242.0060, 9.0310, 7.0390

Conversions

Conversions Part 2

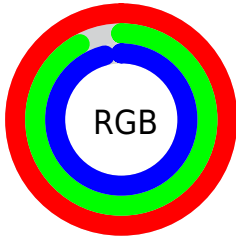
Format	Color
R_{YB}	255, 235, 244
Decimal	16772084
CIE _{Lab}	95.00, 8.63, -1.78
CIE _{LCh}	95, 8.811, 348.366
Yxy	87.6183, 0.3212, 0.3203
Android (android.graphics.Color)	4294962164 (0xFFFFEBF4)
YUV	242.0060, 0.9830, 11.3957
Hunter-Lab	93.6047, 3.7499, 3.3964

Details

The CIELCh color `95, 8.811, 348.366` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `98, 8.312, 165.466`, and the grayscale version is `96, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 8.621, 345.864` is the 20% darker color. If you saturate the color by 10%, you get `88, 19.551, 347.683`, and if you desaturate by 10%, it is `100, 0.012, 296.813`.

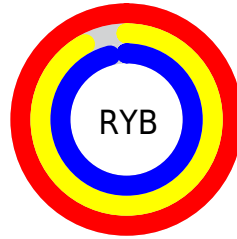
Distribution



Red (100%)

Green (92%)

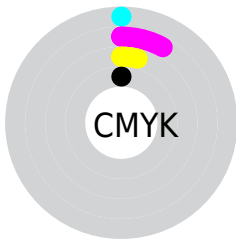
Blue (96%)



Red (100%)

Yellow (92%)

Blue (96%)

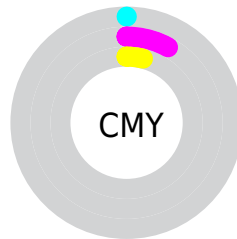


Cyan (0%)

Magenta (8%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (8%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 8.811, 348.366 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 95, 8.811, 348.366 by changing the saturation by 10% instead.


 95, 8.811, 348.366

 95, 8.811, 348.366

 100, 8.811,
348.366

 85, 8.811, 348.366


 75, 8.811, 348.366


 65, 8.811, 348.366

 55, 8.811, 348.366

 45, 8.811, 348.366

 35, 8.811, 348.366

 25, 8.811, 348.366

 15, 8.811, 348.366

 5, 8.811, 348.366

95, 8.811, 348.366

95, 8.811, 348.366

88, 19.551,
347.683

100, 0.012,
296.813

82, 30.846,
348.777

76, 42.083,
350.031

71, 52.919,
351.504

66, 62.878,
353.280

62, 71.387,
355.476

58, 77.887,
358.247

56, 82.050, 1.773

■ 55, 84.070, 6.181

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



95, 8.811, 348.366



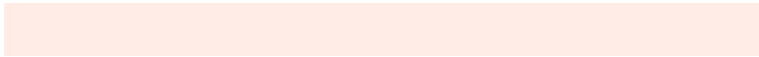
98, 8.312, 165.466

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



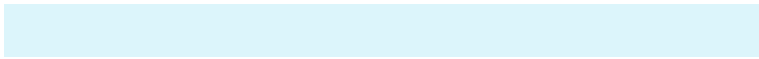
95, 8.811, 348.366



95, 8.811, 38.366



95, 8.811, 168.366



95, 8.811, 218.366

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



95, 8.421, 346.690



99, 2.163, 346.012



94, 10.844, 310.548



53, 1.230, 345.991



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

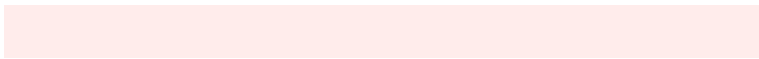
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 8.421, 346.690



94, 9.811, 346.813



95, 6.871, 22.583



50, 6.202, 346.862



41, 67.999, 6.326



10, 31.526, 0.064

Inverse Universe

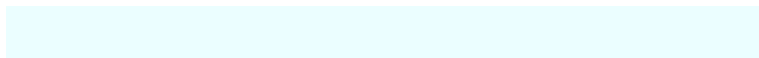
The Inverse Universe completely reimagines the original color for something new.



95, 8.421, 346.690



94, 9.811, 346.813



98, 6.538, 202.040



50, 6.202, 346.862



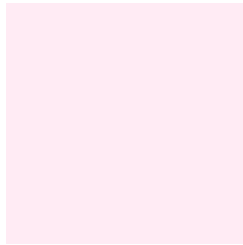
41, 67.999, 6.326



10, 31.526, 0.064

Previews

White Background



This preview shows how the CIELCh color 95, 8.811, 348.366 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 95, 8.811, 348.366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

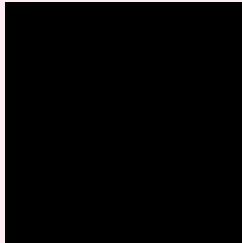
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 8.811, 348.366

Background



This preview shows how black text looks on a background with the CIELCh color 95, 8.811, 348.366.

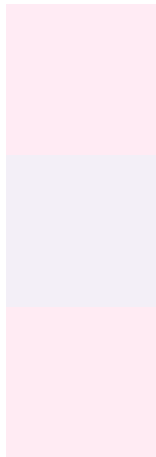


This preview shows how white text looks on a background with the CIELCh color 95, 8.811, 348.366.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


95, 8.502, 347.064

Protanopia

95, 4.368, 309.179

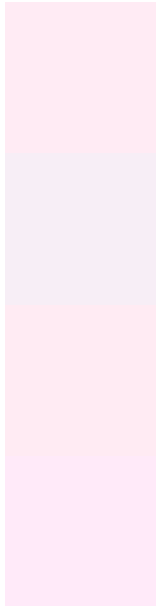
Deuteranopia

95, 8.239, 350.064



Tritanopia
95, 11.486, 330.678

Trichromacy



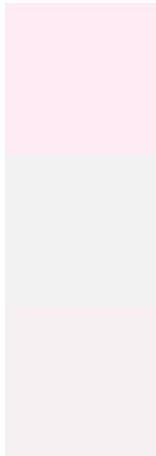
Original Color
95, 8.502, 347.064

Protanomaly
95, 5.223, 327.760

Deuteranomaly
95, 8.239, 350.064

Tritanomaly
95, 10.731, 334.236

Monochromacy



Original Color
95, 8.502, 347.064

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.933, 347.763

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 8.811, 348.366 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 235, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 235, 244)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 235, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 235, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 8.811, 348.366 is called "border". The border property can be set on classes, ids or directly on the HTML element.

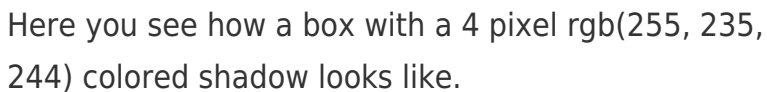
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 235, 244) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 235, 244) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(255, 235, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 235, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 235, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 235,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 8.811, 348.366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 235, 244) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
235, 244) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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